

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084058.D
 Acq On : 20 Sep 2024 09:32
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 20 23:20:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	96	0.00
2 M	Dichlorodifluoromethane	2.009	1.648	18.0	80	0.00
3 M	Chloromethane	2.087	1.771	15.1	83	0.00
4 M	Vinyl Chloride	2.146	1.768	17.6	81	0.00
5 M	Bromomethane	1.199	1.169	2.5	94	0.05
6 M	Chloroethane	1.437	1.157	19.5	81	0.04
7 M	Trichlorofluoromethane	3.598	2.929	18.6	81	0.04
8 T	Diethyl Ether	1.222	1.023	16.3	83	0.01
9	1,1,2-Trichlorotrifluoroeth	1.932	1.614	16.5	84	0.01
10 M	1,1-Dichloroethene	1.865	1.494	19.9	81	0.02
11	Methyl Iodide	2.533	1.980	21.8	78	0.00
12	Methyl Acetate	2.249	2.179	3.1	101	0.00
13 M	Acrolein	0.328	0.270	17.7	74	0.00
14 M	Acrylonitrile	0.910	0.888	2.4	98	0.00
15 M	Acetone	0.302	0.260	13.9	92	0.00
16 M	Carbon Disulfide	5.269	4.296	18.5	81	0.01
17	Allyl chloride	3.270	2.465	24.6	76	0.01
18 M	Methylene Chloride	2.040	1.848	9.4	90	0.01
19 M	trans-1,2-Dichloroethene	1.932	1.636	15.3	83	0.00
20 T	Diisopropyl ether	6.603	5.859	11.3	91	0.00
21 M	1,1-Dichloroethane	3.770	3.266	13.4	87	0.00
22 M	cis-1,2-Dichloroethene	2.352	1.911	18.7	80	0.00
23 M	tert-Butyl Alcohol	0.334	0.352	-5.4	103	-0.02
24 M	Methyl tert-Butyl Ether	6.626	5.452	17.7	81	0.00
25 M	Chloroform	3.995	3.456	13.5	85	0.00
26	Cyclohexane	3.320	2.444	26.4#	74	0.00
27 s	1,2-Dichloroethane-d4	2.742	2.839	-3.5	99	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29	1,1-Dichloropropene	0.476	0.416	12.6	83	0.00
30 M	2-Butanone	0.224	0.230	-2.7	99	0.00
31	2,2-Dichloropropane	0.607	0.517	14.8	82	0.00
32 M	1,1,1-Trichloroethane	0.635	0.554	12.8	83	0.00
33 M	Carbon Tetrachloride	0.550	0.466	15.3	82	0.00
34 M	Benzene	1.428	1.297	9.2	85	0.00
35	Methacrylonitrile	0.252	0.252	0.0	93	0.00
36 M	1,2-Dichloroethane	0.537	0.512	4.7	90	0.00
37 M	Trichloroethene	0.335	0.297	11.3	86	0.00
38	Methylcyclohexane	0.570	0.425	25.4#	73	0.00
39 M	1,2-Dichloropropane	0.344	0.318	7.6	88	0.00
40	Dibromomethane	0.251	0.234	6.8	86	0.00
41 M	Bromodichloromethane	0.534	0.508	4.9	92	0.00
42 M	Vinyl Acetate	0.922	0.792	14.1	88	0.00
43	Ethyl Acetate	0.451	0.458	-1.6	95	0.00
44	Isopropyl Acetate	0.781	0.799	-2.3	98	0.00
45 T	1,4-Dioxane	0.006	0.007	-16.7	96	0.00
46	Methyl methacrylate	0.378	0.352	6.9	91	0.00
47	n-amyl Acetate	0.692	0.651	5.9	91	0.00
48 M	t-1,3-Dichloropropene	0.562	0.476	15.3	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.584	0.511	12.5	85	0.00
50 M	1,1,2-Trichloroethane	0.320	0.297	7.2	88	0.00
51	Ethyl methacrylate	0.546	0.468	14.3	80	0.00
52	1,3-Dichloropropane	0.577	0.530	8.1	87	0.00
53 M	Dibromochloromethane	0.383	0.350	8.6	89	0.00
54 M	1,2-Dibromoethane	0.331	0.308	6.9	89	0.00
55 M	2-Chloroethyl vinyl ether	0.218	0.232	-6.4	91	0.00
56 M	Bromoform	0.244	0.223	8.6	90	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	0.476	0.505	-6.1	100	0.00
59 M	2-Hexanone	0.359	0.377	-5.0	100	0.00
60 S	4-Bromofluorobenzene	0.517	0.516	0.2	93	0.00
61 M	Tetrachloroethene	0.317	0.277	12.6	86	0.00
62 M	Toluene	1.724	1.497	13.2	83	0.00
63 S	Toluene-d8	1.389	1.439	-3.6	94	0.00
64 M	Chlorobenzene	1.068	0.912	14.6	81	0.00
65	1,1,1,2-Tetrachloroethane	0.372	0.329	11.6	85	0.00
66 M	Ethyl Benzene	1.961	1.634	16.7	82	0.00
67 M	m/p-Xylenes	0.721	0.615	14.7	83	0.00
68 M	o-Xylene	0.698	0.595	14.8	81	0.00
69 M	Styrene	1.180	1.006	14.7	83	0.00
70	Isopropylbenzene	1.843	1.486	19.4	79	0.00
71 M	1,1,2,2-Tetrachloroethane	0.503	0.491	2.4	92	0.00
72	1,2,3-Trichloropropane	0.441	0.423	4.1	90	0.00
73	Bromobenzene	0.423	0.359	15.1	82	0.00
74	n-propylbenzene	2.157	1.795	16.8	82	0.00
75	2-Chlorotoluene	1.346	1.136	15.6	82	0.00
76	1,3,5-Trimethylbenzene	1.539	1.298	15.7	81	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.163	12.8	86	0.00
78	4-Chlorotoluene	1.365	1.158	15.2	83	0.00
79	tert-butylbenzene	1.346	1.070	20.5	75	0.00
80	1,2,4-Trimethylbenzene	1.555	1.298	16.5	81	0.00
81	sec-Butylbenzene	1.839	1.518	17.5	82	0.00
82	p-Isopropyltoluene	1.547	1.239	19.9	80	0.00
83 M	1,3-Dichlorobenzene	0.815	0.668	18.0	80	0.00
84 M	1,4-Dichlorobenzene	0.814	0.653	19.8	78	0.00
85	n-Butylbenzene	1.365	1.058	22.5	79	0.00
86 T	Hexachloroethane	0.293	0.248	15.4	84	0.00
87 M	1,2-Dichlorobenzene	0.791	0.650	17.8	81	0.00
88	1,2-Dibromo-3-Chloropropane	0.111	0.099	10.8	87	0.00
89	1,2,4-Trichlorobenzene	0.433	0.316	27.0#	72	0.00
90	Hexachlorobutadiene	0.179	0.140	21.8	80	0.00
91 M	Naphthalene	1.416	0.993	29.9#	69	0.00
92	1,2,3-Trichlorobenzene	0.433	0.316	27.0#	72	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0